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Uranium Industry Annual 1999

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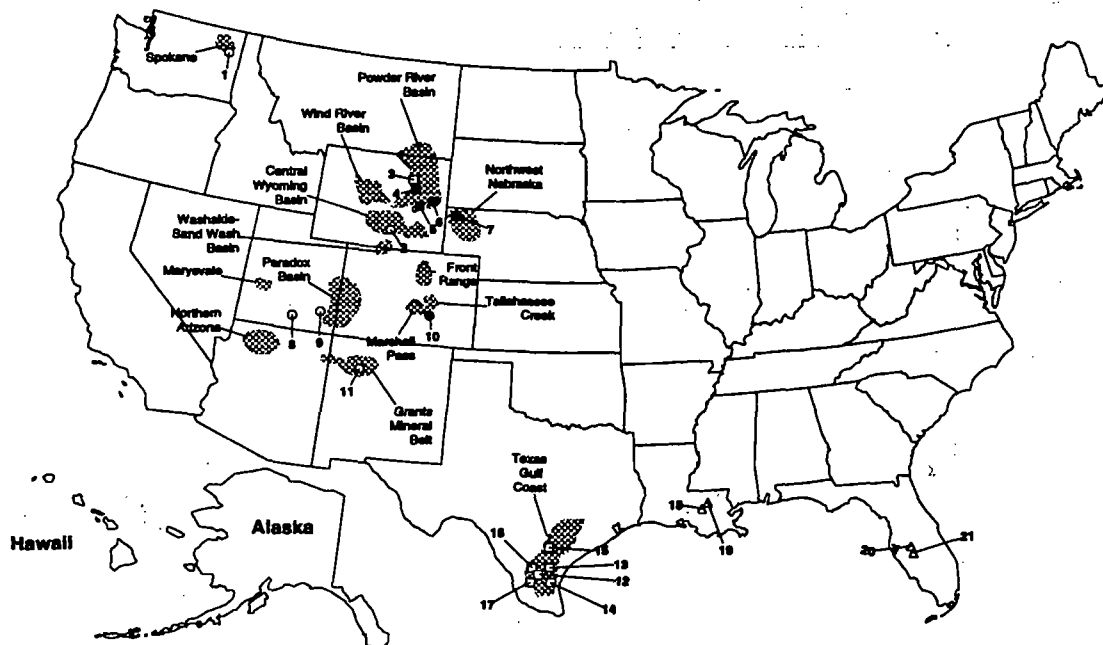
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Office of Coal, Nuclear, Electric and Alternate Fuels
U.S. Department of Energy
Washington, DC 20585



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Figure 7. Major U.S. Uranium Reserve Areas and Status of Mills and Plants, 1999



Active at the End of 1999

- 4. Christensen Ranch
- 5. Smith Ranch
- 6. Highland
- 7. Crow Butte
- 10. Canon City

Inactive at the End of 1999

- 1. Dawn/Ford ^a
- 2. Sweetwater
- 3. Irigaray ^b
- 8. Shootaring
- 9. White Mesa ^c
- 11. Ambrosia Lake ^d
- 12. Holiday-El Mesquite ^b
- 13. Rosita
- 14. Kingsville Dome
- 15. Hobson
- 16. West Cole ^b
- 17. O'Hem
- 18. Sunshine Bridge
- 19. Uncle Sam
- 20. Plant City
- 21. New Wales

Uranium Production Centers	
Active	Inactive
●	○ Conventional Mill
■	□ In Situ Leach Plant
▲	△ Byproduct From Phosphate Processing
<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 10px; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); margin-right: 5px;"></div> Major Uranium Reserve Area^e </div>	

^aRecovered uranium by processing the waste stream at a mine water treatment plant during 1999.

^bRecovered uranium by processing water from in situ leach mine restoration during 1999.

^cRecovered uranium by milling uranium ore and other feed materials during 1999.

^dRecovered uranium by processing mine water solution during 1999.

^eMajor areas containing reasonably assured resources at \$50-per-pound U₃O₈ or less.

Sources: Based on U.S. Department of Energy, Grand Junction Project Office (GJPO), *National Uranium Resource Evaluation, Interim Report* (June 1979) Figure 3.2; GJPO data files; and Energy Information Administration, Form EIA-858, "Uranium Industry Annual Survey" (1999).

Table 6. Operating Status of Conventional Uranium Mills, End of the Year, 1996-1999

Mill Owner(s)	Mill Name and State	Milling Capacity* (short tons of ore per day)	Operating Status at End of the Year			
			1996	1997	1998	1999
Cotter	Canon City (CO)	400	I	I	I	O
Dawn Mining	Dawn/Ford (WA)	450	I	I	I	I
International Uranium	White Mesa (UT)	2,000	I	I	I	I
Quivira Mining (Rio Algom)	Ambrosia Lake (NM)	7,000	I	I	I	I
U.S. Energy/Kennecott (Green Mountain Mining Venture)	Sweetwater (WY)	3,000	I	I	I	I
U.S. Energy/Plateau Resources	Shootaring (UT)	750	I	I	I	I
Summary of Mill Status						
Number of Mills						
Operating ^b	-	-	0	0	0	1
Inactive	-	-	6	6	6	5
Total	-	-	6	6	6	6
Available Milling Capacity						
Operating (tons of ore per day)	-	-	0	0	0	400
Inactive (tons of ore per day)	-	-	14,400	14,400	14,400	13,200
Total Available Capacity (tons of ore per day)	-	-	14,400	14,400	14,400	13,600
Average Daily Mill Feed (tons of ore per day) ^c	-	-	127	0	0	W
Percent of Total Available Capacity ^d	-	-	1	0	0	W

*Milling capacity based on data reported on Form EIA-858 for 1999.

^bNumber that milled uranium-bearing ore at the end of year.^cRounded value. Based on 350 workdays per year and total ore fed to process during the year shown in Table 5.^dRounded value. Calculated based on ore fed to process (Table 5) during 350 workdays per year.

O=Operating at the end of the year; I=Inactive at the end of the year.

- = Not applicable. W=Data withheld to avoid disclosure.

Sources: Energy Information Administration: 1996-1998-Uranium Industry Annual 1998 (April 1999). 1999-Form EIA-858, "Uranium Industry Annual Survey" (1999).

Table 7. Operating Status of Nonconventional Uranium Plants, 1999

Plant Owner(s)	Plant Name and State	Plant Type	Rated Capacity* (thousand pounds U ₃ O ₈ per year)	Operating Status at the End of the Year ^b
COGEMA Mining	West Cole (TX)	In Situ Leach	200	I (R)
Everest Exploration	Hobson (TX)	In Situ Leach	1,000	I (CI)
IMC-Agrico	Sunshine Bridge (LA)	Phosphate Byproduct	420	I (CP)
IMC-Agrico	Uncle Sam (LA)	Phosphate Byproduct	750	I (CP)
IMC-Agrico	Plant City (FL)	Phosphate Byproduct	608	I (CP)
IMC-Agrico	New Wales (FL)	Phosphate Byproduct	750	I (CP)
Malapai Resources	Christensen Ranch (WY)	In Situ Leach	650	O
Malapai Resources	Holiday-El Mesquite (TX)	In Situ Leach	600	I (R)
Malapai Resources	Irigaray (WY)	In Situ Leach	350	I (R)
Malapai Resources	O'Hern (TX)	In Situ Leach	NA	I (R)
Power Resources/Geomex (Converse County Mining Venture)	Highland (WY)	In Situ Leach	2,000	O
Quivira Mining (Rio Algom)	Smith Ranch (WY)	In Situ Leach	2,000	O
Uranium Resources	Kingsville Dome (TX)	In Situ Leach	1,300	I (CI)
Uranium Resources	Rosita (TX)	In Situ Leach	1,000	I (CP)
UUS/Geomex/KEPRA (Crow Butte Resources)	Crow Butte (NE)	In Situ Leach	1,000	O

*Milling capacity based on data reported on Form EIA-858 for 1999.

^bI=Inactive at the end of the year. R=Reclamation (restoration in process or completed). CI=Closed indefinitely (following year restart not planned). CP=Closed permanently (will not be restarted). O=Operating at the end of the year.

Source: Energy Information Administration, Form EIA-858, "Uranium Industry Annual Survey" (1999).